

## ABSTRACT

A method of installing a molecular sieve bed gas enriching system in a vehicle, the method including installing in the vehicle a system controller, a product gas distribution conduit which extends to at least one product gas distribution position, and a high pressure gas supply conduit which extends from a high pressure gas source, providing a plurality of molecular sieve bed modules, each module including a container containing molecular sieve bed material, a first gas communication port from the container with an outlet duct for product gas produced in use during a charging phase of the molecular sieve bed, the outlet duct including an outlet valve to prevent ingress of gas into the container through the first gas communication port, and the container including a second gas communication port which is connected to a valve assembly which, depending upon the controlled state of the valve assembly, in use permits of communication between the interior of the container and one of a gas supply duct during the charging phase of the molecular sieve bed and a venting duct during a venting phase of the molecular sieve bed, introducing each of the modules independently into the vehicle, connecting each of the outlet ducts 14 to the product gas distribution conduit, connecting each of the gas supply ducts to the high pressure gas supply conduit, and connecting the controller to each of the valve assemblies of the modules so that the controller is operable in use to change the controlled state of each of the valve assemblies.